

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Multiple sheets used when necessary)

SHEET 1 OF 2

Application No.	09/676,727
Filing Date	September 29, 2000
First Named Inventor	Francis X. Canning
Art Unit	2128
Examiner	Herng Der Day
Attorney Docket No.	CANNING.001A

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
/HD/	1	6,182,270	01-30-2001	Feldmann et al.	
↓	2	6,353,801	03-05-2002	Sercu et al.	
↓	3	6,675,137	01-06-2004	Toprac et al.	
↓	4	2004-0010400	01-15-2004	Canning	
↓	5	2004-0078174 A1	04-22-2004	Canning	
↓	6	2006-0265200 A1	11-23-2006	Canning	
/HD/	7	2006-0195306 A1	08-31-2006	Canning	

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>
/HD/	8	BAHARAV, ZACHI, "Impedance Matrix Compression (IMC) Using Iteratively Selected Wavelet Basis," IEEE Transactions on Antennas and Propagation, Volume 46, Number 2, February 2, 1998, pages 226-233.	
↓	9	BANK, RANDOLPH E., "Marching Algorithms and Block Gaussian Elimination," Sparse Matrix Computations, 1976, pages 293-307.	
↓	10	BUNCH, JAMES R., "Block Methods for Solving Sparse Linear Systems," Sparse Matrix Computations, 1976, pages 39-58.	
↓	11	BUNCH, JAMES R., "Partitioning, Tearing and Modification of Sparse Linear Systems," Journal of Mathematical Analysis and Applications 48, 1974, pages 574-593.	
↓	12	CANNING, FRANCIS X., "Impedance Matrix Localization Produces a Sparse Moment Method Matrix," IEEE Antennas and Propagation Society International Symposium, 1990. AP-S. 'Merging Technologies for the 90's.' Digest, May 1990, pages 60-63	
↓	13	COIFMAN ET AL., "Faster Single-Stage Multipole Method for the Wave Equation," Conference Proceedings; 10 <sup>th</sup> Annual Review of Progress in Applied Computational Electromagnetics; at the Doubletree Hotel & Convention Center, Monterey, CA, Volume 1, March 21-26, 1994, pages 19-24.	
↓	14	CONROY ET AL., "Data-Parallel Sparse LU Factorization," Siam J. Sci. Comput., Volume 19, Number 2, March 1998, pages 584-604.	
↓	15	GEORGE, ALAN, "On Block Elimination for Sparse Linear Systems," Siam J. Numer Anal, Volume 11, Number 3, June 1974, pages 585-603.	
↓	16	HIGHAM, NICHOLAS J., "Block LU Factorization," Accuracy and Stability of Numerical Algorithms, Siam, 1996, pages 245-259.	
↓	17	NABORS ET AL., "FastCap: A Multipole Accelerated 3-D Capacitance Extraction Program," IEEE Transactions on Computer Aided Design, Volume 10, Number 11, November 1991, pages 1447-1459	
/HD/	18	SAAD ET AL., "Bilutn: A Domain-Based Multilevel Block Ilut Preconditioner for General Sparse Matrices," Siam J. Matrix Anal. Appl., Volume 21, Number 1, 1999, pages 279-299.	

Examiner Signature

/Herng-der Day/

Date Considered

09/27/2007

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

T<sup>1</sup> - Place a check mark in this area when an English language Translation is attached.

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/HD/	19	YALAMOV ET AL., "On the Stability of a Partitioning Algorithm for Tridiagonal Systems," Siam J. Matrix Anal. Appl., Volume 20, Number 1, 1998, pages 159-181.	
	20	Office Action dated June 28, 2006 from Related Application No. 10/354,241 (CANNING.001CP1)	
	21	Office Action dated February 26, 2007 from Related Application No. 10/354,241 (CANNING.001CP1)	
	22	Advisory Action dated May 11, 2007 from Related Application No. 10/354,241 (CANNING.001CP1)	
	23	Office Action dated July 3, 2006 from Related Application No. 10/619,796 (CANNING.001CP2)	
	24	Office Action dated March 26, 2007 from Related Application No. 10/619,796 (CANNING.001CP2)	
	25	Advisory Action dated June 15, 2007 from Related Application No. 10/619,796 (CANNING.001CP2)	
	26	Office Action dated May 16, 2007 from Related Application No. 11/417,429 (CANNING.001DV2)	

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